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| **SafiSan Project Proposals**  **Field Appraisal Form** | |  | | --- | |  | |

Water Sector Trust Fund

**Field Appraisal Form**

Version: 2.0  
Last Update: August 2017

The **Field Appraisal Form (Tool)** is designed to collect key data on proposed projects and their respective areas that will further assist the UBSUP Team to appraise and rate the proposed project design and planning against criteria such as sustainability and complete sanitation service delivery.

This tool enables its user to consider site specific issues that are likely to have an impact on the choice of available technical options (e.g. type of SafiSan toilet). The tool also considers:

* The social characteristics of the area including sanitation behavior and migratory patterns,
* The WSPs operations in the area,
* The County plans for the area,
* The capacity of the Water Service Provider (WSP) to implement the project.

The **Field Appraisal Form** is divided into two main Sections:

1. Project areas specific information and,
2. Analysis of the area in terms of project feasibility with regard to observations drawn from **Section 1**.

The tool will be administered by a/the members of the UBSUP team with expertise in:

* **Engineering** (to relate the physical characteristics of the proposed project area with the proposed technical options and the envisaged service delivery),
* **Social matters** (to analyze and relate the social dynamics of the area and the community with uptake of the programme, impact and sustainability of the project)
* **Financial matters** (to assess the financial feasibility of the project and authenticate the financial information and capacity of the WSP).

If you have any comments and suggestions pertaining to this UBSUP tool, please share them with the UBSUP Team.

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|  | | **SafiSan Project Proposals**  **Field Appraisal Form**   |  | | --- | |  | | | | | |
| **1** | **GENERAL DATA** | | | | | |
| **1.1** | Project Name: | |  | **1.6** | Project Area: |  |
| **1.2** | Project Number: | |  | **1.7** | Sub County: |  |
| **1.3** | Name of WSP: | |  | **1.8** | County: |  |
| **1.4** | WSB: | |  | **1.9** | Appraisal performed by: |  |
| **1.5** | Checked by: | |  | **1.10** | Date of Appraisal: |  |

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| 1.11 | **PROJECT SUMMARY** | | | | | |
| **A** | Number of proposed new toilets: | |  | **B** | Number of toilets to be renovated: |  |
| **C** | Number of proposed DTFs: | |  | **D** | Accompanying measures included (Yes/No): |  |
| **E** | Personnel: | |  | **F** | Project administration: |  |
| **G** | Sanitation Marketing package (Describe): |  | | | | |
| **H** | Sanitation Unit Package (Describe): |  | | | | |
| **I** | Any other consideration: |  | | | | |

**Section 1**

|  |  |  |  |  |  |  |  |  |
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| **2** | **PROJECT GENERAL DATA** | | | | | | | |
| **2.1** | Name of area: |  | | | | | | |
| **2.2** | Distance to town centre (*estimate*): |  | | | Kilometres: |  | | |
| **2.3** | Type of settlement (Area): | 1. Informal settlement | 2. Planned formal low income housing | | | 3. Planned with informal housing | | 4. Urban sub-centre with low income housing |
|  |  | | |  | |  |
| 5. Large rural centre with urban characteristics | 6. Mixed area (residential, commercial or industrial) | | | 7. Peri urban (transitory band between pure urban and rural) | | 8. Pure rural setting |
|  |  | | |  | |  |
| Explain: >> |  | | | | | | |
|
| **2.4** | Legal status of area: | 1. Legal | | 2. Illegal | | | 3. Partly legalised | |
|  | |  | | |  | |
| Explain: >> |  | | | | | | |

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| **3** | **PHYSICAL CHARACTERISTICS OF THE AREA** | | | | | | | |
| **3.1** | Does the area exhibit characteristics of high water table? | Yes | | No | | Describe: | | |
|  | |  | |  | | |
| **3.2** | Is the area subject to flooding? | 1. Occasional | | 2. Regular | | 3. Seasonal | | 4. No flooding. |
|  | |  | |  | |  |
| Remarks: >> |  | | | | | | |
| **3.3** | Does the soil type seem stable? (How stable does it remain after excavation?): | 1. Soil is stable | 2. Soil is loose | | 3. Place is rocky | | Other (explain): | |
|  |  | |  | |  | |
| Describe (other): >> |  | | | | | | |
| **3.4** | Where is the area located? | 1. On a steep slope | | 2. In or near flood plain | | 3. Near a toxic waste area | | 4. Next to busy road |
|  | |  | |  | |  |
| 5. Next to railway line | | 6. Near Industrial (mine) area: | | 7. Next to landfill | | 8. Next to swamp |
|  | |  | |  | |  |
| Describe (other hazardous site): >> |  | | | | | | |

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| **3** | **PHYSICAL CHARACTERISTICS OF THE AREA (continued)** | | | | | | |
| **3.5** | Generally, what is the area topography like? | | 1. Steep slope | 2. Gentle slope | | 3. Flat area | 4. A basin |
|  |  | |  |  |
| Describe (other topographical features): >> | |  | | | | |
| **3.6** | Additional geographical/physical characteristics of the area (descriptive) | |  | | | | |
|
|
| **3.7** | **Discrepancies between the physical characteristics in the proposal and the actual situation** | | | | | | |
| ***Describe: >>*** |  | | | | | |
| **3.8** | ***Project information:*** | | | ***Yes/No*** | ***Remarks*** | | |
| Is the project area information presented in the Project Proposal correct? (Names, figures, population etc.). | | |  |  | | |
| Is the proposed project targeting the underserved urban poor? | | |  |  | | |

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| **4** | **DEMOGRAPHIC DATA** | | | | | | |
| **4.1** | **Population details** | | | | | | |
| 1. Current population (number): |  | | 1. Average number of persons per dwelling: | | |  |
| 1. Average number. of persons per plot: |  | | 1. Female-headed households (%): | | |  |
| **4.2** | Population density: | 1. High | | 2. Medium | | 3. Low | 4. Varies |
|  | |  | |  |  |
| Remarks: >> |  | | | | | |
| **4.3** | Describe migration pattern>> |  | | | | | |
|  | | | | | | |
| **4.4** | Main factors having an impact upon demographic developments | 1. New income generating activities. | | | 2. Push/pull factors (EXPLAIN) | | 3. Change in legal status |
|  | | |  | |  |
| 4. Change in service level provision | | | 5. Illegal settlement | | 5. Others |
|  | | |  | |  |
| Describe (other): >> |  | | | | | |
| **4.5** | Project feasibility based on the demographic pattern | *Yes/No* | Remarks: | |  | | |
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| **4** | **DEMOGRAPHIC DATA (continued)** | | |
| **4.6** | Is the population sufficient for the proposed number of toilets? | Yes/No |  |
|  |  |
| **4.7** | Are the households setting guaranteeing sharing of toilets (1 toilet for 10 users)? |  |  |
|  |  |
| **4.8** | Does the population guarantee construction of the proposed 200 toilets in the same area? |  |  |
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| **5** | **LAND/HOUSEHOLD OWNERSHIP AND LAND USE** | | | | | | | | | |
| **5.1** | Main types of land ownership: | 1. Privately owned | | 2.Government land | | 3. Council owned | | 4. Trust land | 5. Mixed ownership | |
|  | |  | |  | |  |  | |
| Others: Remarks >> |  | | | | | | | | |
| **5.2** | Other land spaces available in the area | 1. Road reserves. | | | 2. Public spaces (e.g. playgrounds, football pitch). | | 3. Private yards | | | 4. Others |
|  | | |  | |  | | |  |
| **5.3** | Land use pattern: (more than one answer possible) | 1. Housing | | | 2. Farming | | 3. Gardening | | | 4. Industrial |
|  | | |  | |  | | |  |
| 5. Commercial | | | 6. Mixed | | 7. Not suitable for accommodation | | | 8. Other: |
|  | | |  | |  | | |  |
| Describe (other): >> |  | | | | | | | | |
| **5.4** | Opportunities based on the available land spaces: | Yes/No | Remarks | | | | | | | |
|  |  | | | | | | | |
| **5.5** | Is there space available to extend water distribution network?: | Yes/No | Remarks | | | | | | | |
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| **5** | **LAND/HOUSEHOLD OWNERSHIP AND LAND USE (continued)** | | |
| **5.6** | Space available to construct ***public*** sanitation facilities?: | Yes/No |  |
|  |
| **5.7** | Space available on the plots to construct other sanitation facilities? |  |  |
| Describe (other):>> |  |  |

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| **6** | **DATA ON HABITATION PATTERNS AND HOUSE OWNERSHIP** | | | | | | | | |
| 6.1 | Main type of housing: | 1. Low income housing (define!) | 2. Medium income housing | | | 3. High income housing | | 4. Mixed housing | |
|  |  | | |  | |  | |
| 6.2 | Housing situation (of most residents): | 1. Most residents own their homes | 2. Most residents are renting | | | 3. House owners & tenants mix | | 4. Most residents are squatters | |
|  |  | | |  | |  | |
| 6.3 | The area is characterised primarily by: (tick more cells, if necessary) | 1. Single household dwellings (1 household/plot) | 2. Plots are occupied by several households | | | 3. Row houses on one plot occupied by tenants | | 4. Mixed dwelling types on the plots | |
|  |  | |  |  | |  | |  | |  |
| 5. No passages / limited space between dwellings | 6. Other: | | | Specify (other): >> | |  | |
|  |  | | |  | | | |
| 6.4 | Main housing materials used (Please consider the materials used for the construction of roofs and walls): | 1. Grass thatched roof | | 2. Iron/asbestos roof | | | 3. Wooden roof | | 4. Mud walls |
|  | |  | | |  | |  |
| 5. Walls made of iron sheets | | 6. Concrete bricks | | | 7. Earth blocks/bricks | | 8. Burnt bricks |
|  | |  | | |  | |  |
| 9. Quarry stones | | 10. Other building materials | | | Specify (other): >> | |  |  |  | | |
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| **7** | **DATA ON DEVELOPMENT PLANS** | | | | | |
| **7.1** | (Relevant) Development Plans with regard to the area: | Describe: >> | |  | | |
|  | |
| **7.2** | Plans of the County with regard to the area: | 1. Residents will be resettled | | 2. Area has been legalised | 3. Overspill areas are identified | 4. Area will be upgraded |
|  | |  |  |  |
| 5. Area will be developed (roads, drains, etc.) | | 6. Area will be extended | 7. Other answer | 8. County has no plans for the area |
|  | |  |  |  |
| Describe: >> |  | | | | |
| **7.3** | Describe on-going area development activities (e.g. programmes undertaken by the County or by NGOs that are to benefit the entire area population. | |  | | | |
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| **8** | **DATA ON CURRENT WATER SUPPLY SITUATION** | | | | | | |
| **8.1** | Which services does the WSP provide in the area? | 1. Distribution network | 2. Exhauster services | 3. Area office | | | 4. Tanker services |
|  |  |  | | |  |
| 5. Awareness | 6. Sensitization | 7. Other (explain): >> | | |  |
|  |  |  | | |
| Specify (other): >> |  | | | | |
|  |
| **8.2** | Does the WSP offer water supply services in the area | Yes/No. | Explain | | | | |
|  |  | | | | |
| **8.3** | What is the technical state of the water supply infrastructure (of the WSP)?: | 1. Good | 2. Fair | | 3. Poor | 4. It varies | |  |
|  |  | |  |  | |  |
| Explain: >> |  | | | | | |

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| **8** | **DATA ON CURRENT WATER SUPPLY SITUATION (continued)** | | | |  |
| **8.4** | **Protected** water sources/outlets used by residents: | Tick the existing sources of water in the area | Tick the functioning ones | Remarks: |  |
| Indoor connection |  |  |  |  |
| Ablution block (Individual) |  |  |  |  |
| Ablution block (Shared) |  |  |  |  |
| Yard tap (Individual) |  |  |  |  |
| Yard tap (Shared) |  |  |  |  |
| Kiosk (operated by the WSP) |  |  |  |  |
| Public tap (water is free of charge) |  |  |  |  |
| Communal tap (managed by a user group) |  |  |  |  |
| Connection of institution (e.g. church, school) |  |  |  |  |
| Public borehole + tap (water is free of charge) |  |  |  |  |
| Public borehole + tap (water **NOT** free of charge) |  |  |  |  |
| Protected spring |  |  |  |  |
| Other source/outlet: |  |  |  |  |
| Specify (other):>> |  | | |  |

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| **8** | **DATA ON CURRENT WATER SUPPLY SITUATION (Continued)** | | | |
| **8.5** | **Unprotected** sources/outlets used by residents: | Tick the unprotected sources of water in the area | Tick the functioning ones. | Remarks: |
| Private borehole (plus tap/kiosk)(\*) |  |  |  |  |
| Public hand pump |  |  |  |  |
| Communal hand pump |  |  |  |  |
| Private hand pump (\*) |  |  |  |  |
| Water resellers (using carts or bicycles) |  |  |  |  |
| Tanker truck |  |  |  |  |
| Rain water harvesting installation |  |  |  |  |
| Private well (within yard) |  |  |  |  |
| Public well |  |  |  |  |
| Stream, river or canal |  |  |  |  |
| Lake, dam or pond |  |  |  |  |
| Unprotected spring |  |  |  |  |
| Rain water |  |  |  |  |
| Leak in distribution network (of WSP) |  |  |  |  |
| Water storage tank (vendor) |  |  |  |  |
| Other source(s) |  |  |  |  |
| Specify (other): >> |  | | |  |

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| **8** | **DATA ON CURRENT WATER SUPPLY SITUATION (Continued)** | | | | |  |
| **8.6** | Which type or types of water resellers play an important role in the supply of water in this area?  *(read out the answers*): > | 1. Resellers using a push cart or wheel barrow | 2. Resellers using a tanker truck or a tractor and container | 3. Residents with a connection reselling water to other residents | 4. Kiosk operators |  |
|  |  |  |  |  |
| 5. Institutions with a connection reselling water | 6. Donkey cart vendors | 7. No resellers active in the area | 8. Other type of water reseller |  |
|  |  |  |  |  |
| Specify (other): >> |  | | | |  |

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| **9** | **DATA ON SANITATION** | | | | | | | | | | | | | | | | | |
| **9.1** | Is the area linked to the WSP sewage network? | 1. Yes | 2. No | | | 3. Part of the area | | | | 4. Non-function network | | | 5. Non-existent | | | | | |
|  |  | | |  | | | |  | | |  | |  | | | |
| **9.2** | If yes, what is the technical state of the sewage network? | 1. Good | | 2. Fair | | | 3. Poor | | | | 4. It varies | | Explain: | | | | |  |  |  |
|  | |  | | |  | | | |  | |  | |  | |  | |
| **9.3** | Number of active sewer connections in the area? | 1. No.: | | 2. Don't know | | | Remarks: | | | |  | | | | | | | |
|  | |  | | |  | | | |  | | | | | | | |
| **9.4** | What are the problems when connecting a number of households from this area to an existing sewer? | 1. Distance too far | | 2. Obstacles (e.g. river, swamp) | | | | 3. This area lies lower | | | | 4. Connection fees too high | | | | 5. Other | | |
|  | |  | | | |  | | | |  | | | |  | | |
| **9.5** | Are there septic tanks in the area? | 1. Yes | | 2. No | | | 3. Don't know | | | | Remarks: | |  | | | | | |
|  | |  | | |  | | | |  | | | | | | | |
| **9.6** | Indicate the no. of treatment facilities located in the area: | 1. WWTP (1) | | | 2. DEWATS/DTF (1) | | | | 3. Drying beds | | | Remarks: | |  | | | | |
|  | | |  | | | |  | | |  | | | | | | |

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| **9** | **DATA ON SANITATION (continued)** | | | | | | | | | | | | | | | | |
| **9.7** | Which of the in 9.6 mentioned facilities are operational? | 1. WWTP | | 2. DEWATS/DTF | | | | 3. Drying beds | | | Remarks: | | |  | | | |
|  | |  | | | |  | | |  | | | | | | |
| **9.8** | Which of the in 9.7 mentioned facilities are being used? | 1. WWTP | | 2. DEWATS/DTF | | | | 3. Drying beds | | | Remarks: | | |  | | | |
|  | |  | | | |  | | |  | | |  |  | | |  |
| **9.9** | Number of public toilets in the area: | 1. No.: | | 2. Don't know | | | | Remarks: | | |  | | | | | | |
|  | |  | | | |  | | | | | | | | | |
| **9.10** | Main type(s) of sanitation facilities found in the area: | 1. household (level) toilets | | 2. Shared plot-level toilets | | | | 3. Communal facilities (off plot toilets shared by specific users) | | | | | 4. Public sanitation facilities (PSFs) WSP-operated | | | | |
|  | |  | | | |  | | | | |  | | | | |
| Remarks: | |  | | | | | | No. of WSP-operated PSFs: | | |  | | | | |
| **9.11** | What are the most important (common) **private** sanitation facilities and sanitation practices in the area?  (*tick more than one box if necessary*): | 1. Toilet linked to sewer | | 2. Toilet linked to septic tank | 3. Traditional pit latrine | | | | | 4. Improved pit latrine **(2)** | | | 5. Urine diversion | | | | 6. VIP latrine **(3)** |
|  | |  |  | | | | |  | | |  | | | |  |
| 7. Biogas latrine (bio-digester) | | 8. Pour flush toilet | 9. Flying toilet | | | | | 10. Open defecation (bush, drain, etc.) | | | 11. No facilities in area | | | | 12. Toilet with raised platform & open discharge |
|  | |  |  | | | | |  | | |  | | | |  |
| Describe other facility: >> |  | | | | | | | | | | | | | | | |
| **9.12** | What are the most important (common) **public** sanitation facilities and sanitation practices in the area? (Used by  day-time population, visitors and people found in public spaces) (*tick more than one box if necessary*): | 1. Toilet linked to sewer | 2. Toilet linked to septic tank | | | | 3. Traditional pit latrine | | 4. Improved pit latrine **(2)** | | | 5. Urine diversion | | | | 6. VIP latrine **(3)** | |
|  |  | | | |  | |  | | |  | | | |  | |
| 7. Biogas latrine (bio-digester) | 8. Pour flush toilet | | | | 9. Flying toilet | | 10. Open defecation (bush, drain, etc.) | | | 11. No facilities in area | | | | 12. Toilet with raised platform & open discharge | |
|  |  | | |  | | |  | | |  | | | |  | |
| Describe other facility:>> |  | | | | | | | | | | | | | | | |

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| **9** | **DATA ON SANITATION (continued)** | | | | | | | | | | |
| **9.13** | Do households use their own sanitation facility? | 1. Yes | 2. No | | 3. Don't know | Remarks: | | |  | | |
|  |  | |  |  | | | | | |
| **9.14** | Are facilities usually shared (by 2 or more households)? | 1. Yes | 2. No | | 3. Don't know | Remarks: | | |  | | |
|  |  | |  |  | | | | | |
| **9.15** | What are the most common materials used for the construction of private sanitation facilities?: Add quarry stones etc. | 1. Timber and logs | | | 2. Concrete | | | | | 3. Burned bricks | 4. Mud bricks |
|  | | |  | | | | |  |  |
| 5. Mud | | | 6. Iron roofing sheets | | | | | 7. Plastic bags | 8. Grass |
|  | | |  | | | | |  |  |
| 9. Quarry stones | | |  | | | 10. Other materials | |  | |
| Specify (other): | | |  | | | | | | |
| **9.16** | How are pits/tanks (etc.) in the area usually emptied? | 1. Manually (using hand tools, buckets, etc.) | | | 2. Mechanical emptying (e.g. gulper, Vacutug pump) | | | | 3. Exhausters/vacuum tanks | | 4. Other method |
|  | | |  | | | |  | |  |
| Describe (other):>> |  | | | | | | | | | |
| **9.17** | Which sanitation service providers are active in the area? | 1. Emptying services | | 2. Toilet construction/marketing | | | 3. Awareness creation | | 4. Health and hygiene and education | | |
|  | |  | | |  | |  | | |
| 5. None | | 6. Other | | | Specify (other):>> | |  | | |
|  | |  | | | | | | | |
| **9.18** | Are Manual Emptiers (individuals or groups) active in the area? | 1. Yes | | 2. No | | | 3. Don’t know | | 4. No information | | |
|  | |  | | |  | |  | | |
| **9.19** | What usually happens to the contents of the pit/tank after emptying? | 1. Indiscriminate dumping | | | 2. Unknown | | | | 3. Taken to treatment facility | | 4. Disposed off-site |
|  | | |  | | | |  | |  |
| 5. Buried on plot | | | 6. Composted/used in garden | | | | 7. Dumped in the drain | | 8. Other disposal method |
|  | | |  | | | |  | |  |
| 9. Other disposal method | | |  | Specify (other): | | |  | | |

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| **9** | **DATA ON SANITATION (continued)** | | | | | | |
| **9.20** | What are the main problems with sanitation in the area? | 1. No/bad service delivery? | | 2. Service delivery too expensive | | 3. Lack of water | 4. Causes disease |
|  | |  | |  |  |
| 5. Toilets too expensive | | 6. Other problem | | Describe (other):>> |  |
|  | | | | | |
| **9.21** | What are the main problems people are facing during construction of a toilet? | 1. Rocky soils | | 2. High groundwater table | | 3. Sandy soils | 4. Collapses frequently |
|  | |  | |  |  |
| 5. Availability materials/skilled labour | | 6. Other problem | |  | |
|  | |  | |  |  |
| Describe (other):>> | |  | | | |
| **9.22** | Are there fundi specialised in construction available in the area? | 1. Yes | 2. No | | 3. Don’t know | 4. No information | |
|  |  | |  |  | |
| **9.23** | Are there sanitation programmes or projects planned in the area? | 1. Yes | 2. No | | 3. Don’t know | 4. No information | |
|  |  | |  |  | |
| **9.22** | Are there sanitation programmes or projects being implemented in the area? | 1. Yes | 2. No | | 3. Don’t know | 4. No information | |
|  |  | |  |  | |
| **9.22** | If Yes (See question 9.22); Please describe the project (infrastructure, implementer, who will manage the project and who has funded the project): |  | | | | | |
|  | | | | | |

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| **10** | **DATA ON THE SANITATION VALUE CHAIN** | |
| **10.1** | Describe the agricultural activities in the area and near the project area |  |
| **10.2** | Is there a potential for (the use or sale of) processed fertiliser (from human sludge in the area? |  |
| **10.3** | Is there existing bio-gas system in the area or in the neighbourhood? |  |

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| **11** | **WILLINGNESS & ABILITY TO PAY FOR BETTER SANITATION (TOILETS) AND SERVICES** | | | | |
| **11.1** | Are residents (tenants, landlords, householders) able and willing to pay for: | Infrastructure/service? | Yes | No | Explain: |
| Improved toilets? |  |  |  |
| Sewer connection charges? |  |  |  |
| Emptying charges? |  |  |  |
| (monthly) Sewer charges? |  |  |  |

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| **12** | **IMPACT OF COUNTY DEVELOPMENT MASTER PLAN** | | | | |
| **12.1** | Is there a County Development Master Plan? | **Yes** |  | **No** |  |
| **Explain:** |  | | |
| **12.2** | Has the County gov. allocated funds for sanitation improvement? | **Yes** |  | **No** |  |
| **Explain:** |  | | |

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| **13** | **CAPACITY OF THE WSP TO IMPLEMENT AND OPERATE THE PROJECT (SCHEME)** | | |
| **No.** | **Question** | **Answer (Yes/No)** | **Remark:** |
| **13.1** | Does the WSP the capacity of the WSP to implement the proposed project? |  |  |
| **13.2** | Are all key (management) position filled? If not, specify which positions are not filled. |  |  |
| **13.3** | Is the WSP facing issues related to the integrity of its management and other staff? If yes, specify which complaints have been raised. |  |  |
| **13.4** | Is the WSP paying its staff on time? |  |  |
| **13.5** | Has the WSP shown it is capable & willing to implement similar projects? Explain. |  |  |
| **13.6** | Does the WSP have the capacity to operate and maintain the proposed project? |  |  |
| **13.7** | Does the WSP have a pro-poor strategy? If yes, please obtain a copy of the document. |  |  |
| **13.8** | Does the WSP have staff responsible for the low income areas (e.g. informal settlements)? |  |  |
| **13.9** | Can the WSP count on the active support of the County Authority and the relevant county departments? |  |  |
| **13.10** | Can the WSP count on the active support and participation of the County Public Health department? |  |  |
| **13.11** | Can the WSP count on the active support of the Water Services Board? |  |  |
| **13.12** | Is there evidence of WSP’s presence in the proposed project area? |  |  |
| **13.13** | Other observations related to the capacity of the WSP? |  |  |

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| **14** | **TECHNICAL CONSTRAINTS (TOILETS)** | | |
| **No.** | **Question** | **Answer (Yes/No)** | **Remark:** |
| **14.1** | Are the proposed technical options (plot toilets, etc.) appropriate and adequate? Explain. |  |  |
| **14.2** | Is the proposed technical option a significant departure from the current sanitation options in the area? |  |  |
| **14.3** | Is the proposed technical option in line with the approved county guidelines for sanitation infrastructure? |  |  |
| **14.4** | Is there a direct link between the proposed sanitation intervention and the county sanitation (development) master plan? |  |  |
| **14.5** | Other observations related to technical issues? |  |  |

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| **15** | **TECHNICAL CONSTRAINTS (DTF)** | | |
| **No.** | **Question** | **Answer (Yes/No)** | **Remark:** |
| **15.1** | Has the WSP proposed a new DTF as a component of the project? (If no go to section |  |  |
| **15.2** | If yes (1 above), are the proposed DTF components feasible for the area? |  |  |
| **15.3** | If yes (1 above), are the proposed DTF components suitable for the toilet options proposed (4 above)? |  |  |
| **15.4** | Is land already allocated for the proposed DTF? |  |  |
| **15.5** | Is the land (site) for the proposed DTF appropriate and adequate? Explain. |  |  |

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| **16** | **TECHNICAL CONSTRAINTS (COMPLETE SERVICE DELIVERY – SANITATION VALUE CHAIN)** | | |
| **No.** | **Question** | **Answer (Yes/No)** | **Remark:** |
| **16.1** | Is the proposed new DTF appropriately located with respect to the project area? (If no, go to 16.8). |  |  |
| **16.2** | Are there existing toilets emptying services of any kind in the project area (town)? |  |  |
| **16.3** | If yes (1 above), can the emptying services be linked to the proposed toilets options? |  |  |
| **16.4** | Are there groups that are already engaged in emptying (or solid waste management)? |  |  |
| **16.5** | If yes (16.4) do these groups practice composting for agricultural re-use? |  |  |
| **16.6** | If no (16.4), can these groups be trained in co-composting in line with UBSUP sanitation value chain principles? |  |  |
| **16.7** | Are there visible barriers (cultural and/or religious) that prohibit handling of sludge and re-use of processed fertilizer? |  |  |
| **16.8** | Do the existing toilets provide potential for sludge collection, transportation and treatment (disposal) in the proposed DTF? |  |  |
| **16.9** | Is the proposed sludge management plan sound with respect to the new toilets options as well as the existing toilets? |  |  |

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| **17** | **SOCIAL CONSTRAINTS** | | |
| **No.** | **Question** | **Answer (Yes/No)** | **Remark:** |
| **17.1** | Is the project feasible from a social perspective? |  |  |
| **17.2** | Is the area population without access to improved sanitation sufficient for the proposed no. of toilets? |  |  |
| **17.3** | Is the area predominantly commuter population? |  |  |
| **17.4** | Are there socio-cultural risks factors that may jeopardise the implementation of the project? |  |  |
| **17.5** | Are there socio-cultural risks factors that may jeopardise the operation of the project (DTF)? |  |  |
| **17.6** | Other observations related to social issues? |  |  |

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| **18** | **WSP FINANCIAL CONSTRAINTS** | | |
| **No.** | **Question** | **Answer (Yes/No)** | **Remark:** |
| **18.1** | Is the approved budget sufficient to implement the proposed project? |  |  |
| **18.2** | Does the WSP have the necessary financial systems & procedures in place to implement the project and to account for expenditures?  If not, explain. |  |  |
| **18.3** | Does the WSP use the mandatory procurement and tendering procedures? |  |  |
| **18.4** | Does the WSP have any unresolved issues related to procurement and tendering? If yes, explain. |  |  |
| **18.5** | Are procurement procedures and practices likely to result in significant delays in project implementation? |  |  |
| **18.6** | What are the main financial constraints the project is likely to be faced with? |  |  |
| **18.7** | Other observations related to financial (management) issues? |  |  |

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| **19** | **SUSTAINABILITY OF THE PROJECT SCHEME** | | |
| **No.** | **Question** | **Answer (Yes/No)** | **Remark:** |
| **19.1** | Does the WSP have the necessary systems and procedures (meter reading, billing, supervision, customer care, rapid response to reported damage, etc.) to operate the project scheme?  If not, explain. |  |  |
| **19.2** | Does the current water supply and/or sanitation situation in the proposed project area pose a threat to the sustainability of the project scheme? |  |  |
| **19.3** | Will the project scheme be able to cover its operation and maintenance costs? (In the case of a DTF) |  |  |
| **19.4** | Do the residents of the area perceive the need for the project (is the project demand-driven?)? |  |  |
| **19.5** | Other observations related to the sustainability of the project scheme? |  |  |

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| **20** | **RECOMMENDATIONS** | |
| Based on the findings of the field appraisal the following recommendation can be made: | | |
| Should the project be implemented according to the proposal? | |  |
| Further actions required are: | | |
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